

In the Claims:

1. A piston pin, comprising:
a tubular body having a cylindrical exterior margin, the exterior margin being shiftably matable with an inside margin of a pin bore of a connecting rod, the margin of the pin bore having a surface formed of the material forming the connecting rod, the mating being in a surface to surface engagement.
2. The piston pin of claim 1 having a chromium-nitride coating disposed on the tubular body, the coating comprising the piston pin cylindrical exterior margin.
3. The piston pin of claim 2, the chromium-nitride coating being deposited by physical vapor deposition.
4. The piston pin of claim 2, the chromium-nitride coating being deposited to a depth of between 1 and 10 microns.
5. The piston pin of claim 4, the chromium-nitride coating being deposited to a depth of substantially 5 microns.
6. The piston pin of claim 2, the chromium-nitride coating being buffed after deposition.
7. The piston pin of claim 6, the chromium-nitride coating being buffed in a centerless buffing operation.
8. A piston pin, connecting rod combination comprising:
the piston pin having a tubular body, the tubular body having a cylindrical exterior margin, the exterior margin being shiftably matable with an inside margin of a pin bore of the connecting rod; and

the connecting rod being formed of a certain material, the inside margin of the pin bore having a surface formed of the certain material forming the connecting rod, the mating with the piston pin being a surface to surface engagement.

9. The piston pin, connecting rod combination of claim 8, the piston pin having a chromium-nitride coating disposed on the tubular body, the coating comprising the pin cylindrical exterior margin.

10. The piston pin, connecting rod combination of claim 9, the chromium-nitride coating being deposited by physical vapor deposition.

11. The piston pin, connecting rod combination of claim 9, the chromium-nitride coating being deposited to a depth of between 1 and 10 microns.

12. The piston pin, connecting rod combination of claim 11, the chromium-nitride coating being deposited to a depth of substantially 5 microns.

13. The piston pin, connecting rod combination of claim 2, the chromium-nitride coating being buffed after deposition.

14. The piston pin, connecting rod combination of claim 13, the chromium-nitride coating being buffed in a centerless buffing operation.

15. A method of forming a piston pin, comprising:

forming a tubular body having a cylindrical exterior margin, the exterior margin shiftably mating the exterior margin with an inside margin of a pin bore of a connecting rod;

forming the connecting rod of a certain material;

forming the surface margin of the pin bore of the certain material employed in forming the connecting rod;

and mating the exterior margin of piston pin with the inside margin of the pin bore in a surface to surface engagement.

16. The method of claim 15 including disposing a chromium-nitride coating on the tubular body, the coating comprising the pin cylindrical exterior margin.
17. The method of claim 16, including depositing the chromium-nitride coating by physical vapor deposition.
18. The method of claim 16, including depositing the chromium-nitride coating to a depth of between 1 and 10 microns.
19. The method of claim 16, including depositing the chromium-nitride coating to a depth of substantially 5 microns.
20. The method of claim 16, including buffering the chromium-nitride coating after deposition.
21. The method of claim 20, including buffering the chromium-nitride coating in a centerless buffering operation.